

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2003-167246

(43)Date of publication of application : 13.06.2003

(51)Int.Cl.

G02F 1/1335  
G02B 5/30  
G02F 1/1333  
G02F 1/1343  
H01L 21/3065

(21)Application number : 2001-370146

(71)Applicant : SEIKO EPSON CORP

(22)Date of filing : 04.12.2001

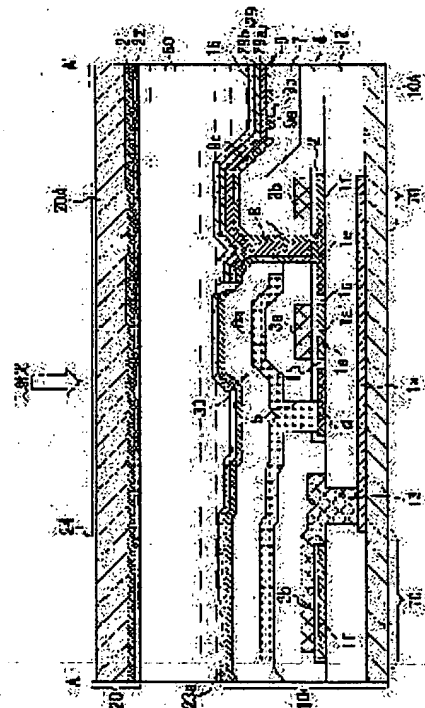
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(54) SUBSTRATE FOR LIQUID CRYSTAL DEVICE AND METHOD FOR MANUFACTURING THE SAME, LIQUID CRYSTAL DEVICE, PROJECTION TYPE DISPLAY DEVICE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a liquid crystal device which incorporates a polarizer with a high extinction ratio and has high durability.

SOLUTION: In the liquid crystal device, a liquid crystal layer 50 is held between a pair of substrates. A pixel electrode 9 comprising a structure birefringence body having a plurality of light reflection bodies 9a arranged in a stripe shape at a pitch smaller than light wavelength incident on the liquid crystal layer 50 and a gas layer 9b formed in a space between two adjacent light reflection bodies, is formed on a TFT-arrayed substrate 10. The structure birefringence body functions as a pixel electrode and functions as a polarizer at the side of the TFT-arrayed substrate at the same time. This constitution eliminates an external light absorption type polarizer used conventionally, and improves the durability.



## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the

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examiner's decision of rejection or application  
converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of  
rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

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File 347:JAPIO Nov 1976-2005/Aug(Updated 051205)  
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SUBSTRATE FOR LIQUID CRYSTAL DEVICE AND METHOD FOR MANUFACTURING THE SAME,  
LIQUID CRYSTAL DEVICE, PROJECTION TYPE DISPLAY DEVICE

PUB. NO.: 2003-167246 [ JP 2003167246 A]  
PUBLISHED: June 13, 2003 (20030613)  
INVENTOR(s): TAKEUCHI TETSUHIKO  
APPLICANT(s): SEIKO EPSON CORP  
APPL. NO.: 2001-370146 [JP 2001370146]  
FILED: December 04, 2001 (20011204)  
INTL CLASS: G02F-001/1335; G02B-005/30; G02F-001/1333; G02F-001/1343;  
H01L-021/3065

#### ABSTRACT

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